

EASINGTON RURAL DISTRICT



REPORT

OF THE

MEDICAL OFFICER

OF HEALTH

FOR THE

YEAR ENDING 31st DECEMBER, 1964

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EASINGTON RURAL DISTRICT COUNCIL.

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Vice-Chairman:

COUNCILLOR R. TAIT

COUNCILLORS:

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„ M. KIRKUP	„ E. WILDING, J.P.
„ A. LANGTHORNE	„ F. W. WOODS
„ F. LONG	

Clerk:

D. C. KELLY, LL.B.(Lond.), L.A.M.T.P.I.

Treasurer, Accountant and Chief Rating Officer:

E. L. ALLISON, F.I.M.T.A.

Engineer and Surveyor:

R. R. LUMSDEN, Dip.M.Eng.

Cleansing Superintendent:

D. WARD, M.Inst.P.C.

STAFF

(as at 31st December, 1964)

*Medical Officer of Health and
District Principal School Medical Officer:*

J. W. A. RODGERS, M.B., B.Ch., D.P.H.

Assistant Medical Officers:

M. M. COPLAND, M.B., Ch.B., D.P.H. (Mrs.)

G. L. ANDERSON, M.B., B.S.

M. ANDERSON, M.B., B.S. (Mrs.)

School Dental Officers:

G. HAUST, L.D.S.

E. I. S. MAKEPEACE, L.D.S. (Mrs.)

D. A. SANDISON, L.D.S. (Mrs.)

School Occulists: (Part-time)

J. FRANKENTHAL, L.R.C.P., L.R.C.S., D.O.

C. J. SHARP, M.D., Ch.B., D.O.

Speech Therapist:

J. SUMMERBELL, L.C.S.T. (Miss)

Senior Public Health Inspector:

R. E. V. WARRAND, Cert.P.H.I.B., M.A.P.H.I., M.R.S.H.

Public Health Inspectors:

J. R. DAY, Cert.P.H.I.B., Cert. M. & O. Foods

G. STODDART, Cert. P.H.I.B., Cert. M. & O. Foods

P. F. JONES, Cert. P.H.I.B., Cert. M. & O. Foods

J. PERKINS, Cert. P.H.I.B., Cert. M. & O. Foods

Public Health Assistant:

J. HARPER

Pupil Public Health Inspectors:

C. JOHNSTON

P. STOTT

Rodent Officer:

C. S. WHITE

Rodent Operatives:

W. MILLS

G. D. TURNER

Mortuary Attendant:

J. SCOTT

District Chief Nursing Officer:

MISS A. HOWARTH, S.R.N., S.C.M., Q.N., H.V. Cert.

Health Visitors:

MISS M. ARTHUR, S.R.N., S.C.M., H.V. Cert.
 MISS M. BEATY, S.R.N., S.C.M., H.V. Cert.
 MRS. M. F. BRYCE, S.R.N., S.C.M., Q.N., H.V. Cert.
 MISS E. HONOUR, S.R.N., S.C.M., H.V. Cert.
 MRS. S. P. KITCHING, S.R.N., S.C.M., O.N.D., H.V. Cert.
 MISS D. LISTER, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. M. A. MEECHIN, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. C. PARKER, S.R.N., S.C.M., O.M.C., H.V. Cert.
 MISS A. SIMPSON, S.R.N., C.M.B., Q.N., H.V. Cert.
 MISS M. TUNNEY, S.R.N., S.C.M., H.V. Cert., F.R.S.H.

District Midwives:

MISS E. BEANEY, S.R.N., S.C.M., Q.N.
 MISS S. A. CORFIELD, S.R.N., S.C.M.
 MISS M. DALLEN, S.C.M.
 MRS. M. DIXON, S.R.N., S.C.M.
 MRS. M. H. GRUNDY, S.R.N., S.C.M.
 MISS G. L. HAILES, S.R.N., S.C.M.
 MRS. R. HALL, S.C.M.
 MRS. H. MARTIN, S.R.N., S.C.M.
 MISS J. ORD, S.E.N., S.C.M.
 MRS. V. SMITHSON, S.E.N., S.C.M.
 MISS T. P. TRODDEN, S.R.N., S.C.M.

District Nurses:

MISS E. M. BUCHANAN, S.R.N., S.C.M., Q.N.
 MRS. J. COWAN, S.R.N., N.D.N. Cert.
 MISS D. CROOKS, S.R.N., S.C.M.
 MRS. M. A. ELTRINGHAM, S.R.N., S.C.M., N.D.N., Cert.
 MRS. M. A. JAMIESON, S.R.N., Q.N.
 MISS E. OLIVER, S.R.N., S.C.M., Q.N.
 MRS. A. PATTISON, S.R.N.
 MRS. F. N. SAUNDERS, S.R.N., Part 1 Mid. Cert., N.D.N. Cert.
 MRS. E. M. SKELTON, S.R.N., R.S.C.M., N.D.N. Cert.
 MRS. E. M. SMITH, S.R.N., S.C.M.
 MISS A. P. STONEY, S.R.N., Q.N.
 MRS. M. TOMLINSON, S.R.N., S.C.M.
 MRS. D. UNSWORTH, S.R.N.

Student Health Visitors:

MISS N. FISHWICK, S.R.N., S.C.M.

MISS I. MORTIMER, S.R.N., S.C.M.

School Nurses:

MRS. M. K. BLAKE, S.R.N., R.M.N.

MRS. A. FARNWORTH, S.R.N., Q.N.

MRS. V. HARRISON, S.R.N.

Social Worker:

MISS D. WHITE

Mental Welfare Officers:

A. S. SMITH

R. HOUGHTON

Home Teachers for the Blind:

MISS M. G. TOMLINSON

MISS E. KELLETT (part-time)

Junior Training Centre Supervisor:

MRS. I. GLEN, Dip. N.A.M.H.

Assistant Supervisor:

MRS. C. WOOD, Dip. N.A.M.H.

Trainee Assistant Supervisors:

MRS. D. H. APPLEBY

MISS J. BRIGGS

MISS M. J. CARTER

Craft Instructor:

W. G. BEDINGFIELD

Domestic Help Service Organiser:

MRS. L. TRUDGILL

Chiropodist:

G. W. SPOONER, M.S.F., M.S.S.Ch.

School Dental Surgery Assistants:

MRS. J. MARTIN

MRS. C. S. SMART

MRS. E. WINNARD

ADMINISTRATIVE AND CLERICAL STAFF :

Chief Clerk:

J. BRANTHWAITE

Senior Clerk:

K. ARMSTRONG

Clerical Assistants:

H. HESLOP
 R. WATSON
 MISS L. NASH
 MISS M. MITCHISON
 MISS A. HARDCASTLE
 MISS O. BLACKWELL
 MISS D. J. HILL
 MRS. O. HOGG
 MISS M. SHAW
 D. HINDSON
 MISS J. A. PALLISTER
 MRS. M. CHAPMAN
 E. TURNS

Travelling Clerks:

MRS. O. WOOLARD
 MRS. L. COWLEY

EASINGTON RURAL DISTRICT

REPORT

OF THE

Medical Officer of Health

FOR THE

Year Ended 31st December, 1964

Telephone—Easington 393

EASINGTON,
PETERLEE,
Co. DURHAM,
1965.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1964.

The work accomplished during the year is described in the various sections of the report. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and contributions from the Engineer and Surveyor and the Cleansing Superintendent are also included. This introductory letter summarises briefly the contents of the report as a whole and draws attention to any points of special interest.

VITAL STATISTICS

Under this heading figures or rates are given to enable comparison to be made between the health of the inhabitants of the district over recent years and the health of the country as a whole. They include the birth rate, the general death rate, infant mortality rate and the maternal mortality rate.

BIRTH RATE

The district rate of 19.12 per 1,000 of the population showed a decrease on the figure of 19.65 for 1963. It remained higher than the rate of 18.4 for England and Wales as a whole, the best national rate since 1947.

GENERAL DEATH RATE

The general death rate of 10.40 per 1,000 of the estimated resident population increased slightly on the 1963 figure of 10.27. The rate for England and Wales, 11.3, was 0.9 lower than that for 1963 and the best national rate since 1954.

INFANT MORTALITY RATE

The rate of 24.43 per 1,000 live births showed a welcome decrease on that of 28.84 for the previous year. The rate for England and Wales, 20.0, was the lowest ever recorded in this country and 1.1 per 1,000 below that for 1963.

There were 40 deaths in infants under one year and of these 23 occurred in the first four weeks of life, giving a neonatal mortality rate of 14.05 per 1,000 live births as compared with the 1963 figure of 17.07. In eight of these, prematurity was given as the primary cause of death and in eight as contributory. The rate for England and Wales for 1964 was 13.8.

MATERNAL MORTALITY

There were no maternal deaths in this district during the year. The maternal mortality rate for England and Wales for 1964 was 0.25 per 1,000 live and still births.

In compiling these statistics for births and deaths the actual number of live births (1,637) and the total deaths in the district (890) have been calculated. The standardised rates may be obtained by multiplying these two rates by the Registrar General's comparability factors of 0.94 in the case of births and 1.33 in the case of deaths.

INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 274 deaths, 28 more than in 1963 and representing 30.8% of the total deaths in the district. Bronchitis and pneumonia displaces cancer for second place causing 148 deaths (16.6%) compared with 126 (14.2%) the previous year. In third place cancer was responsible for 144 deaths (16.2%) compared with 154 (17.3%) in 1963. Despite the welcome decrease in the total cancer mortality, however, there were 29 lung and bronchus deaths compared with 22 the previous year. In fourth place in the list, diseases of the veins and arteries of the brain caused 124 deaths (13.9%) – a decrease of 19 on the figure of 143 for 1963. Altogether these four causes accounted for 77% of the total deaths.

INFECTIOUS DISEASES

Notifications of these diseases are set out in Table 7 which also gives the final figures after correction. The area generally was quiet throughout 1964.

TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section III.

The Newcastle Regional Hospital Board's Sunderland Mass Radiography Unit made a one-day visit to Murton in February. The Tees-side Unit visited Blackhall and Easington Colliery at the end of March and during April, and in July five-day public sessions were held in both Wheatley Hill and Horden.

Towards the end of 1963 it was found necessary to investigate the source responsible for an increase in tuberculosis in one of the parishes in the district. I am grateful to the Organising Secretary of the Tees-side Unit for the mass X-ray special survey arrangements undertaken in January in this respect.

Individual and small group X-ray is also available at the General Hospital, Chester Road, Sunderland and at the Static Unit, 35 Grange Road, Middlesbrough. Particulars of dates and times for these services may be obtained from the Health Department, Easington.

Details of B.C.G. protection are given in Section IV.

HEALTH AND WELFARE FUNCTIONS

Details of the working of the various services during the year are to be found in Section IV. Particulars relating to work undertaken

at treatment centres and clinics and activities of the domiciliary midwifery, home nursing and health visiting services are given. Also included are statistical and general details on vaccination and immunisation, prevention of illness, care and after-care, chiropody, domestic help, mental health, blind welfare and handicapped persons.

Worthy of mention is the brief note under the heading "Health Visitors" of the second successful Health Exhibition which was held in the Health Centre, Peterlee. The time and labour expended by the organising Health Visitor was well repaid by the public interest shown.

SCHOOL MEDICAL SERVICE

Details of the first full year's working of the School Medical Service will be found in Section V.

WATER

Piped water supply in the district was sampled weekly during the year. All 48 samples submitted to bacteriological examination were reported as satisfactory. Further details of the district's water supply are given in Section VI.

LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice cream, water and milk and occasional samples of meat and other edible products were submitted during the year. 119 faecal specimens from patients known or suspected to be suffering from dysentery or food poisoning were sent for examination and report and the laboratory also checked on 55 food handling employees of the Council during the year.

SANITARY CONDITIONS OF THE AREA

Comments and tables to be found in Section VI dealing with the environmental services contain much information of importance and interest. They are contributed by the Senior Public Health Inspector, the Engineer and Surveyor and the Cleansing Superintendent.

HOUSING

In January the Council made representation to the Ministry of Housing and Local Government in respect of 193 houses affecting

522 persons at Hesleden forming Clearance Area No. 177. The order was subsequently confirmed, subject to certain modifications, by the Minister of Housing and Local Government. In July representation was made for the demolition of nine houses occupied by 26 persons at Station Town forming Clearance Area No. 182.

STAFF

There were numerous staff changes during the year. Worthy of mention was the retirement in June of Mr. T. J. Richards who had been in the Council's service as Public Health Inspector for more than 16 years.

CONCLUSION

Perusal of the vital statistics in the following pages will show that the general health of the population continued to be satisfactory in 1964. The birth rate and death rate showed no appreciable change and bear favourable comparison with the national figures. The infant death rate was much improved on that for the previous year and, with the exception of the 1961 figure, was the district's best year since 1957.

I am indebted to Councillor C. F. Short, who succeeded the late Councillor G. W. Roseby as Chairman of the Health Committee, for the help and support he gave me during the year. Thanks are also due to the members and officials of the Council for their co-operation and I much appreciate the loyal and willing assistance of the entire Health Department staff during another fairly active year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. W. A. RODGERS,

Medical Officer of Health.

SECTION I.

CONDITIONS OF THE AREA

Area (in acres)	.. .. .	34,653
Registrar General's estimate of resident population year, 1964	.. .. .	85,600
Number of Hereditaments on 31st December, 1964 according to the rate books	.. .. .	32,219
Rateable Value (at 1st April, 1965)	.. .. .	£1,969,709
Sum represented by Penny Rate (1964-65)	.. .. .	£7,596

VITAL STATISTICS

Births :—Live Births.

	Male	Female	Total
Legitimate	818	752	1570
Illegitimate	27	40	67
	<hr/> 845 <hr/>	<hr/> 792 <hr/>	<hr/> 1637 <hr/>

Birth Rate per 1,000 of the estimated resident population	19.12
--	---------	-------

Illegitimate Live Births per cent of Total Live Births	4.09
--	------

Still Births :—

Legitimate	16	20	36
Illegitimate	—	—	—
	<hr/> 16 <hr/>	<hr/> 20 <hr/>	<hr/> 36 <hr/>

Rate per 1,000 total live and still births	..	21.52
--	----	-------

Total Live and Still Births :—

861	812	1673
-----	-----	------

Infant Mortality :—

Deaths of infants under 1 year :

Legitimate	23	16	39
Illegitimate	1	—	1
	<hr/> 24 <hr/>	<hr/> 16 <hr/>	<hr/> 40 <hr/>

Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 24·43.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 24·84.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 14·92

Neonatal Mortality

Deaths of infants under 4 weeks:

		Male	Female	Total
Legitimate	..	11	11	22
Illegitimate	..	1	—	1
		<hr/>	<hr/>	<hr/>
		12	11	23
		<hr/>	<hr/>	<hr/>

Death rate per 1,000 live births 14·05

Early Neonatal Mortality

Deaths of infants under 1 week :

Legitimate	..	10	8	18
Illegitimate	..	1	—	1
		<hr/>	<hr/>	<hr/>
		11	8	19
		<hr/>	<hr/>	<hr/>

Death rate per 1,000 live births 11·61

Perinatal Mortality Rate 32·87

Maternal Deaths

Deaths from Puerperal Causes—

from Sepsis	..	..	Nil.
from Other Causes	..	..	Nil.
			<hr/>
Total	..	..	Nil.
			<hr/>

Maternal Mortality Rate Nil.

Total Deaths (all ages) 512 378 890

Death rate per 1,000 of the estimated resident population 10·40

TABLE 1. DEATHS—CAUSES AND AGES AT DEATH.

	All Ages	Under 4 weeks	4 weeks- under 1 year	1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 up
Tuberculosis, Respiratory	8	—	—	—	—	—	—	—	2	1	5	—
Tuberculosis, Other	—	—	—	—	—	—	—	—	—	—	—	—
Syphilitic Disease	3	—	—	—	—	—	—	—	—	—	2	1
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infections	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—
Other Infective and Parasitic Diseases	—	—	—	—	—	—	—	—	—	—	—	—
Malignant Neoplasm, Leukaemia, Aleukaemia	144	—	1	—	1	—	2	5	13	43	54	25
Diabetes	7	—	—	—	—	—	—	—	1	2	3	1
Vascular Lesions of Nervous System	124	—	—	—	—	—	2	2	4	32	37	47
Coronary Disease, Angina	192	—	—	—	—	—	—	7	22	48	66	49
Hypertension with Heart Disease	16	—	—	—	—	—	—	—	2	5	3	6
Other Heart Disease	66	—	—	—	—	1	3	2	8	10	15	27
Other Circulatory Disease	36	—	—	—	—	—	—	—	3	7	6	20
Influenza	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	79	3	8	—	1	1	—	—	2	5	22	37
Bronchitis	69	—	—	—	—	—	—	1	1	13	25	29
Other Diseases of Respiratory System	13	—	1	—	—	—	—	—	—	3	6	3
Ulcer of Stomach and Duodenum	5	—	—	—	—	—	—	—	1	2	1	1
Gastritis, Enteritis and Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis	1	—	—	—	—	—	—	—	—	1	—	—
Hyperplasia of Prostate	4	—	—	—	—	—	—	—	—	—	—	—
Pregnancy, Childbirth, Abortion	—	—	—	—	—	—	—	—	—	—	—	4
Congenital Malformations	8	3	2	1	1	—	—	—	—	—	—	—
Other Defined and Illdefined Diseases	64	17	2	—	2	—	1	—	5	10	12	15
Motor Vehicle Accidents	15	—	—	—	1	8	1	1	—	—	1	3
All Other Accidents	30	—	3	—	2	1	1	2	1	2	4	14
Suicide	5	—	—	—	—	—	1	—	2	1	1	—
Homicide and Operations of War	1	—	—	—	—	—	—	—	1	—	—	—
TOTALS	890	23	17	1	8	11	11	20	69	185	263	282

TABLE 2.

Cancer.

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

	Ages in Years					Totals
	1 to 24	25 to 44	45 to 64	65 to 74	75 up	
Stomach	—	1	14	12	11	38
Lung & Bronchus	—	—	10	17	2	29
Breast	—	2	10	4	—	16
Uterus	—	1	1	1	—	3
Other Causes ..	2	3	21	20	12	58
	2	7	56	54	25	144

TABLE 3.

Table of Birth and Death Rates for the past 10 years

Year	General Death Rate	Infant Death Rate	Birth Rate
1955	8.5	33.6	17.9
1956	9.4	30.3	18.9
1957	9.0	22.5	19.5
1958	10.5	26.3	20.1
1959	10.0	28.1	19.1
1960	10.8	28.3	19.3
1961	10.4	21.9	19.7
1962	11.1	26.6	20.5
1963	10.3	28.8	19.7
1964	10.4	24.4	19.1

	General Death Rate	Infant Death Rate	Birth Rate
1964			
England & Wales	11.3	20.0	18.4
Easington Rural District	10.4	24.4	19.1

TABLE 4.
Infant Mortality Rates
(10 years)

Year	Births	Easington R. D. Inf. Mortality Rate	England & Wales Inf. Mortality Rate
1955	1489	33.6	24.9
1956	1582	30.3	23.7
1957	1647	22.5	23.1
1958	1708	26.3	22.6
1959	1639	28.1	22.2
1960	1663	28.3	21.9
1961	1689	21.9	21.6
1962	1768	26.6	21.6
1963	1699	28.8	21.1
1964	1637	24.4	20.0

TABLE 5.
Death Rates (10 years)

Year	Deaths	Easington R. D. Death Rate	England & Wales Death Rate
1955	710	8.5	11.7
1956	787	9.4	11.7
1957	764	9.0	11.5
1958	891	10.5	11.7
1959	863	10.0	11.6
1960	937	10.8	11.5
1961	891	10.4	11.9
1962	957	11.1	11.9
1963	888	10.3	12.2
1964	890	10.4	11.3

TABLE 6.
Natural Increase of Population

Year	Births	Deaths	Rate of Natural Increase per 1,000 population.
1955	1489	710	9.4
1956	1582	787	9.5
1957	1647	764	10.5
1958	1708	891	9.6
1959	1639	863	9.0
1960	1663	937	8.4
1961	1689	891	9.3
1962	1768	957	9.4
1963	1699	888	9.4
1964	1637	890	8.7

SUMMARY OF STATISTICS, 1964

Population	..	..	..	..	..	..	85,600
Area (acres)	..	..	..	..	..	..	34,653
Estimated number of Hereditaments	..	..					32,219
Rateable Value (at 1st April, 1965)	..	..	..				£1,969,709
Sum produced by Penny Rate (1964-65)	..	..					£7,596
Births	..	..	..	..	..	..	1,637
Birth rate per 1,000 of the estimated resident population							19·12
Deaths	..	..	..	..	..	..	890
Death rate per 1,000 of the estimated resident population							10·40
Death rate of infants under one year of age						..	24·43

CHIEF CAUSES OF DEATH

Cause	Number	Percentage of total deaths
Diseases of the heart	274	30·79
Bronchitis and pneumonia	148	16·63
Cancer	144	16·18
Diseases of the veins and arteries		
of the brain	124	13·93
Tuberculosis (respiratory)	8	0·90

INFECTIOUS DISEASES

Diseases	Cases notified
Measles	525
Whooping Cough	110
Scarlet Fever	28
Tuberculosis (all forms) new cases	26
Dysentery	14
Food Poisoning	1

SECTION II.

TABLE 7

INFECTIOUS AND OTHER NOTIFIABLE DISEASES, 1964

Numbers Originally Notified TOTAL (ALL AGES) ..	SCARLET FEVER		WHOOPING COUGH		ACUTE POLIOMYELITIS				MEASLES		DIPHTHERIA		DYSENTERY		MENINGOCOCCAL INFECTION	
	M 10	F 18	M 50	F 60	PARALYTIC		NON-PARALYTIC		M 267	F 258	M —	F —	M 3	F 11	M —	F 1
Final Numbers after Correction	—	—	4	7	—	—	—	—	15	19	—	—	1	—	—	—
Under 1 year	—	—	9	7	—	—	—	—	32	37	—	—	—	—	—	—
1 year	1	—	5	8	—	—	—	—	45	32	—	—	1	—	—	—
2 years	—	5	7	9	—	—	—	—	39	39	—	—	1	—	—	—
3 years	1	2	6	8	—	—	—	—	31	58	—	—	—	1	—	—
4 years	2	—	19	19	—	—	—	—	104	72	—	—	—	—	—	—
5 — 9 years	6	10	—	2	—	—	—	—	1	1	—	—	—	—	—	—
10 — 14 years	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 — 24 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25 and OVER	—	—	—	—	—	—	—	—	—	—	—	—	—	9	—	1
TOTAL (ALL AGES) ..	10	18	50	60	—	—	—	—	267	258	—	—	3	10	—	1

Numbers Originally Notified TOTAL (ALL AGES) ..	ACUTE PNEUMONIA		SMALLPOX		ACUTE ENCEPHALITIS				ENTERIC OR TYPHOID FEVERS		PARATYPHOID FEVER		ERYSIPELAS		FOOD POISONING	
	M 3	F 2	M —	F —	INFECTIVE		POST-INFECTIOUS		M —	F —	M —	F —	M 2	F 1	M 1	F —
Final Numbers after Correction	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Under 5 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5 — 14 years	1	2	—	—	—	—	—	—	—	—	—	—	1	—	—	—
15 — 44 years	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—
45 — 64 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65 and Over	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL (ALL AGES) ..	3	2	—	—	—	—	—	—	—	—	—	—	2	1	1	—

Numbers Originally Notified TOTAL (ALL AGES) ..	TUBERCULOSIS						Puerperal Pyrexia	Ophthalmia Neonatorum			
	Respiratory		Meninges and C.N.S.		Other			Total of New Cases coming to the knowledge of Medical Officer of Health otherwise than by formal notification	F 22	M —	F —
	M 16	F 6	M —	F —	M 3	F 1					
Final Numbers after Correction							M	F			
Under 1 year	—	—	—	—	—	—			—	—	—
1 year	—	—	—	—	—	—	—	—	—	—	—
2 — 4 years	—	1	—	—	—	—			—	—	—
5 — 9 years	—	—	—	—	—	—			—	—	—
10 — 14 years	—	—	—	—	—	—			—	—	—
15 — 19 years	1	—	—	—	—	—			—	—	—
20 — 24 years	1	—	—	—	—	—			—	—	—
25 — 34 years	2	—	—	—	1	—			—	—	—
35 — 44 years	3	1	—	—	1	1			—	—	—
45 — 54 years	2	2	—	—	—	—			—	—	—
55 — 64 years	3	2	—	—	1	—			—	—	—
65 — 74 years	3	—	—	—	—	—			—	—	—
75 and over	1	—	—	—	—	—			—	—	—
TOTAL (ALL AGES) ..	16	6	—	—	3	1			22	—	—

INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were 28 cases of scarlet fever notified during the year as compared with 29 in 1963.

Whooping cough notifications numbered 110 against 63 the previous year.

The district was free from poliomyelitis during 1964.

Measles notifications totalled 525 compared with the epidemic figure of 2,028 in 1963.

For the ninth successive year there were no cases of diphtheria in the district.

Sonne dysentery notifications numbered 14, of which 13 were confirmed by bacteriological examination. There were nine confirmed cases of dysentery in 1963.

As in the previous year there was one case of meningococcal infection notified.

Five notifications of acute pneumonia were received compared with 11 in 1963.

The only case of food poisoning notified during the year was confirmed as *Salmonella typhi-murium*. There were 43 confirmed cases of food poisoning the previous year.

SECTION III.

TUBERCULOSIS

TABLE 8.

Number of Cases on Register at 31st December, 1964.

PULMONARY			NON-PULMONARY			TOTAL CASES
Male	Female	Total	Male	Female	Total	
285	245	530	157	144	301	831

TABLE 9.

New Cases and Mortality, 1964

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 years	—	1	—	—	—	—	—	—
5 — 14 years	—	—	—	—	—	—	—	—
15 — 24 years	2	—	—	—	—	—	—	—
25 — 44 years	5	1	2	1	—	—	—	—
45 — 64 years	5	4	1	—	3	—	—	—
65 and over	4	—	—	—	4	1	—	—
	16	6	3	1	7	1	—	—

TABLE 10
COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	NEW CASES				DEATHS				No. ON REGISTER AT END OF YEAR									
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary							
	Male Female Total		Male Female Total		Male Female Total		Male Female Total		Male Female Total		Male Female Total							
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total						
1955	28	22	50	4	6	10	9	2	11	—	1	1	315	280	595	170	154	324
1956	22	21	43	1	4	5	8	1	9	1	1	2	313	286	599	161	150	311
1957	27	15	42	1	1	2	9	2	11	1	—	1	326	290	616	159	148	307
1958	22	14	36	2	1	3	6	1	7	—	—	—	323	279	602	160	147	307
1959	20	9	29	—	—	—	8	2	10	1	—	1	324	264	588	155	146	301
1960	17	15	32	2	1	3	8	1	9	—	1	1	317	252	569	155	146	301
1961	22	16	38	1	2	3	6	2	8	1	—	1	322	264	586	156	145	301
1962	13	11	24	3	2	5	5	—	5	—	—	—	305	253	558	155	145	300
1963	15	12	27	1	3	4	8	1	9	—	—	—	304	258	562	154	143	297
1964	16	6	22	3	1	4	7	1	8	—	—	—	285	245	530	157	144	301

TABLE 11

Deaths from Pulmonary Tuberculosis between the ages of 15 and 25 years, during the past 10 years.

Year	Male	Female	Total	Percentage of Total Pulmonary Deaths
1955	—	1	1	9%
1956	—	—	—	Nil.
1957	—	—	—	Nil.
1958	—	—	—	Nil.
1959	—	—	—	Nil.
1960	—	—	—	Nil.
1961	—	—	—	Nil.
1962	—	—	—	Nil.
1963	1	—	1	11%
1964	—	—	—	Nil.

TABLE 12.

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

YEAR	PULMONARY			NON-PULMONARY		
	Male	Female	Total	Male	Female	Total
1960	8 (6)	1 (1)	9 (7)	—	1 (—)	1 (—)
1961	6 (6)	2 (1)	8 (7)	1 (—)	—	1 (—)
1962	5 (3)	—	5 (3)	—	—	—
1963	8 (5)	1 (1)	9 (6)	—	—	—
1964	7 (7)	1 (1)	8 (8)	—	—	—
Totals	34 (27)	5 (4)	39 (31)	1 (—)	1 (—)	2 (—)

TUBERCULOSIS

The foregoing tables may be summarised as follows:—

Twenty-two new cases of the respiratory form of the disease were notified during the year comprising 16 males and six females. This was a decrease of five on the figure of 27 for 1963 made up of 15 males and 12 females. There were four new notifications of the non-respiratory form during the year, three males and one female.

Deaths from the respiratory form decreased from nine in 1963 to eight, seven males and one female. There were no non-respiratory deaths.

The district mortality rate for respiratory tuberculosis was 0.093 per one thousand of the population compared with the figure of 0.047 for England and Wales as a whole. The non-respiratory rate for the district was nil and the national rate 0.006.

SECTION IV.

HEALTH AND WELFARE

TREATMENT CENTRES AND CLINICS

MATERNITY AND CHILD WELFARE CENTRES:—

The number of welfare centres at the end of the year was 10. Table 14 shows the aggregate attendances at the welfare centres and Table 13 the attendance at the individual centres.

DENTAL CLINICS:—

Three Surgeries were in operation during the year.

ANTE-NATAL CLINICS:—

The number of centres where separate ante-natal sessions were held was reduced to two, compared with four in the previous year. In areas where numbers do not justify special sessions, advice is given at child welfare centres.

HEALTH EDUCATION AND RELAXATION CLASSES:—

At the end of the year these classes were being held at three centres.

BIRTH CONTROL CLINICS:—

Sessions were held at three centres during the year. Table 16 shows the numbers and attendances during 1964.

ARTIFICIAL SUNLIGHT CLINICS:—

The number of centres using Ultra-Violet ray lamps at the end of the year was five. Details of attendances are shown in Table 17.

HEALTH CENTRES:—

The Health Centre at Peterlee continues to operate satisfactorily with general practitioners and local authority staff working in close co-operation.

CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE:—

Centres:—

During the year premises were purchased in Wheatley Hill and alterations have been completed. The centre will be opened in January, 1965; at present the sessions are held in the Church Hall, Wheatley Hill. The total number of centres remains at 10, seven of which are held in premises owned by the Council and three in premises on a rental basis.

TABLE 13

Attendances at Child Welfare Centres during year ended 31st December, 1964.

CENTRES	No. on books 31.12.64			Attendances			Consultations					
	Children			Children			Children			Children		
	Expectant Mothers	Under 1 year	Between 1 - 2 years	Between 2 - 5 years	Expectant Mothers	Under 1 year	Between 1 - 2 years	Between 2 - 5 years	Expectant Mothers	Under 1 year	Between 1 - 2 years	Between 2 - 5 years
BLACKHALL	—	75	61	90	—	751	161	201	—	15	3	4
EASINGTON	2	105	104	73	10	1344	190	138	1	14	2	1
HORDEN	—	112	129	129	—	1745	397	419	—	17	4	4
MURTON	8	102	131	164	20	1328	393	332	1	13	4	3
PETERLEE	5	303	270	166	17	3628	578	289	1	29	4	2
SHOTTON	16	87	94	83	58	924	179	118	2	17	3	2
SOUTH HETTON ..	1	36	42	43	6	504	139	107	1	10	2	2
THORNLEY	—	52	40	48	—	540	97	88	—	11	2	2
WHEATLEY HILL ..	1	45	40	32	3	456	62	63	—	18	2	2
WINGATE	3	72	67	74	12	731	127	100	1	28	5	4
TOTALS	36	989	978	902	126	11951	2323	1855	1	17	3	3

TABLE 14
Attendances at Child Welfare Centres during 1964

	Babies and Children's Sessions			Ante-natal Sessions
	Under 1 year	1 year and under 2	2 years and under 5	
No. on books	989	978	902	36
Attendances	11951	2323	1855	126
Average attendance per session	17	3	3	1
Consultations	7589	1440	1114	119
Average consultations per session	11	3	2	1

During the year 2869 children made 16129 attendances at 10 centres compared with 2745 children and 13838 attendances in 1963.

Ante-natal Clinics

During the year 36 expectant mothers made 126 attendances compared with 58 mothers and 210 attendances in 1963.

Ante-natal Education Classes:—

Instructions in exercises for ante-natal patients and courses of talks on pregnancy, labour and baby care were given by Health Visitors and Midwives at 3 centres. These talks were illustrated by the use of film strips and films.

A total of 96 mothers took part in these courses and made 399 attendances compared with 130 mothers and 504 attendances in 1963.

TABLE 15
Ante-natal Education Classes

CLINIC	No. on books	Attendances	Average Attendance per Session
EASINGTON	26	108	5
MURTON	27	96	5
PETERLEE	43	195	9
TOTAL	96	399	6

Statistics relating to ante-natal cases attending centres for the year ending 31st December, 1964

[illegible]

Results

Full time live births	..	..	27
Full time still births	..	..	—
Premature live births	..	..	—
Premature still births	..	..	—
Abortions .. ..	..	..	—
Died undelivered ..	..	..	—
Not yet delivered	..	..	9
			<hr/>
			36

No. of Maternal Deaths

—

No. of Sets of Twins

—

Place of confinement

(a) In hospitals ..	..	..	..	15
(b) At home				12
Doctor ..	..	..	..	—
Midwife ..	..	..	..	9
Doctor and Midwife		..	..	3
B.B.A. ..	..	..	..	—
Not yet delivered	..	..	..	9
				<hr/>
				36

Abnormal conditions found at ante-natal examination

1. Anaemia	10
2. Presence of Antibodies	—
3. Dental caries	6
4. Diabetes	—
5. Early toxæmia	2
6. Pre-eclamptic toxæmia	3
7. Bronchitis	—
8. Tuberculosis	—
9. Venereal Disease	—
10. Non-venereal Discharges	4
11. Haemorrhoids	3
12. Varicose Veins	8
13. Constipation	6
14. Urinary infection	
(a) acute	2
(b) chronic	—
15. Cardiac disease	1
16. Placenta Praevia	—
17. Accidental haemorrhage	—

Abnormal conditions found at ante-natal examination—*continued*

18. Pelvic contraction	..	..	..	..	..	..	—
19. Malpresentation	..	..	..	..	..	..	—
20. History of virus disease	..	..	..	..	..	..	—
21. Mental abnormality associated with pregnancy	..	..	..	..	..	..	—
22. Other conditions	..	..	..	..	..	..	7

Birth Control Clinics

Table 16 shows the numbers and attendances during the year

TABLE 16

Birth Control Clinics

Clinic	No. on Books	Attendances
EASINGTON	14	55
MURTON	32	93
PETERLEE	49	109
TOTAL	95	257

ARTIFICIAL SUNLIGHT CLINICS

Treatment was given at five centres. The total attendances were 1437 compared with 2550 in 1963.

TABLE 17.

Artificial Sunlight Clinics

CLINIC	No. on books	Attendances	Average Attendance per session	No. of sessions held
HORDEN	24	315	3	98
MURTON	14	232	2	101
PETERLEE	15	197	2	99
SHOTTON	37	577	6	98
WINGATE	10	116	2	98
TOTALS	100	1437	3	494

DENTAL CARE

Dental treatment for expectant mothers and young children was available at the following centres:—

PETERLEE—as required

WINGATE —as required

Details of the treatment are given in Tables 18 and 19.

TABLE 18

Numbers provided with Dental Care

CLINICS	Expectant and Nursing Mothers			Children under 5		
	Examined	Commenced Treatment	Made Dentally Fit	Examined	Commenced Treatment	Made Dentally Fit
PETERLEE	4	3	2	23	20	20
WINGATE	101	92	23	53	44	26
TOTALS	105	95	25	76	64	46

TABLE 19
Forms of Dental Treatment provided

EXPECTANT AND NURSING MOTHERS										
CLINIC	Scalings and Gum Treatment	Fillings	Silver Nitrate Treatment	Crowns & Inlays	Extractions	General Anaesthetics	Dentures Provided			Radiographs
							Full Upper or Lower	Partial Upper or Lower		
PETERLEE ..	2	8	—	—	17	1	—	—	—	—
WINGATE ..	14	18	—	—	42	11	6	5		2
TOTALS ..	16	26	—	—	59	12	6	5		2
CHILDREN UNDER 5										
PETERLEE ..	—	9	5	—	35	14	—	—	—	—
WINGATE ..	1	—	2	—	75	23	—	—	—	—
TOTALS ..	1	9	7	—	110	37	—	—	—	—

WELFARE FOODS

At the end of the year welfare foods were being distributed from ten child welfare centres throughout the area. Members of voluntary committees at five of these centres accept the responsibility for both the distribution and clerical work in connection with this scheme.

The following statement shows the amount of welfare foods issued during the year with comparative figures for 1963.

			1963	1964
National Dried Milk (tins)	..	..	12,122	10,149
Orange Juice (bottles)	..	..	9,834	10,239
Cod Liver Oil (bottles)	..	..	1,854	1,773
Vitamin Tablets (packets)	..	..	701	690

Premature Births - 1964

1. No. of premature live births notified (as adjusted by transferred notifications)
- (a) In hospital

.. .. .

80
- (b) At home

.. .. .

21
- (c) In Private Nursing Homes

.. .. .

—
- 101
-
2. No. of premature still births notified (as adjusted by transferred notifications)
- (a) In hospital

.. .. .

17
- (b) At home

.. .. .

5
- (c) In Private Nursing Homes

.. .. .

—
-
- 22
-

WEIGHT AT BIRTH	PREMATURE LIVE BIRTHS												Premature Still Births	
	Born at Home or in a Nursing Home													
	Born in hospital				Nursed entirely at home or in a Nursing Home				Transferred to hospital on or before 28th day					
	Total Births	Died			Total Births	Died			Total Births	Died				
		Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days		Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days		Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days		
2 lb. 3 oz. or less	7	2	5	—	—	—	—	1	—	—	—	2	1	
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.	8	1	3	1	—	—	—	1	—	—	—	9	—	
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	21	3	2	—	—	—	—	4	—	—	—	3	—	
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	11	—	1	—	1	—	—	3	—	—	—	2	2	
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	33	—	—	—	9	—	—	2	—	—	—	1	2	
TOTAL	80	6	11	1	10	—	—	11	1	—	—	17	5	

DOMICILIARY MIDWIFERY

The following number of midwives gave notice of intention to practice in Easington Rural District during the year:—

District Midwives	..	..	..	15
District Nurse – Midwives	..	..	..	—
Midwives in Hospital	..	..	..	22
Midwives in private practice	..	..	..	1

At the end of the year 12 District Midwives were employed against an establishment of 14 district midwives and one district nurse midwife. Car allowances were paid to eight midwives who used their own cars on duty.

Instruction in domiciliary midwifery was given to two pupil midwives, from the training school at Thorpe Maternity Hospital, Easington by two teaching midwives. Both pupils were successful in passing the Central Midwives Board examination.

Staff meetings were held in the Council Offices at monthly intervals.

During the year midwives requisitioned medical help on 237 occasions, and the following statement gives particulars as to the reasons for so doing:—

1. Ante-natal examination – general	..	..	..	..	11
2. Ante-natal examination – albuminuria	..	..	..	..	22
3. Threatened miscarriage	..	..	..	..	—
4. Miscarriage	..	..	..	..	1
5. Contracted pelvis, disproportion between child and pelvic outlet	..	..	..	..	3
6. Malpresentation	..	..	..	..	17
7. Ante-partum haemorrhage	..	..	..	..	10
8. Placenta praevia	..	..	..	..	—
9. Prolonged or delayed labour, uterine inertia	..	..	..	..	40
10. Post-partum haemorrhage	..	..	..	..	8
11. Retained for adherent placenta or membranes	..	..	..	..	5
12. Ruptured perineum	..	..	..	..	21
13. Premature birth	..	..	..	..	19
14. Puerperal Pyrexia	..	..	..	..	8
15. Other Conditions of mother	...	..	..	..	9
16. Inflammation of child's eyes	..	..	..	..	26
17. Congenital malformation	..	...	..	..	2
18. Other conditions of baby	..	..	..	..	25
19. Stillbirth	..	..	..	..	—
20. Neonatal death	..	..	..	..	—
21. Other reasons	..	..	..	..	10

In addition to the notifications of sending for medical help, the following notifications were received from midwives:—

Stillbirths	4
Death of mother	—
Death of child	—
Laying out the dead	1
Liability to be a source of infection ..	7

TABLE 21

Number of Deliveries attended by Domiciliary Midwives during the Year

	Dr. not booked		Dr. booked		Total	Discharges from Hospital before 10th day
	Dr. present	Dr. not present	Dr. present	Dr. not present		
District Mid-wives	2	3	64	614	683	509

Staff Shortages continue to put extra responsibility on present staff, and difficulties are increased by the early discharge of mothers and babies from hospital. Midwives of this department have, however, fulfilled all their responsibilities conscientiously and willingly. Co-operation with family doctors has been good as has the liaison with the Matron and staff of Thorpe Maternity Hospital. The persistent high death rate amongst babies in the first month of life remains a matter for concern, and it is only by more complete understanding between local authority, general practitioner and hospital services by joint observation, discussion and action that there can be prospect of improvement.

HOME NURSING

At the end of 1964 14 District Nurses were employed. A further two nurses were employed on relief work during the year. Ten nurses were authorised car users at the end of the year. Two nurses attended training schools for district training during the year and were successful in passing the examination. They were awarded the National Certificate of District Nursing.

The use of pre-packed disposable sterile equipment has been adopted as recommended by the Ministry of Health's Inspector. Previously accepted methods of home sterilization have now been proved unsatisfactory and time-consuming to District Nurses and Midwives, who have welcomed this improvement in the provision of medical supplies. The staff are now able to utilize the time saved in better social care of patients, which service is now expected.

TABLE 22
HOME NURSING STATISTICS - 1964

YEAR	STAFF		GENERAL MEDICAL		GENERAL SURGICAL		INFECTIOUS DISEASES		TUBERCULOSIS		MATERNAL COMPLICATIONS		OTHERS		TOTAL	
	Whole-time	Part-time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
1963	14	1	1386	29841	496	10088	1	9	47	2248	8	31	—	—	1938	42217
1964	14	—	1433	30599	393	7525	2	18	38	1952	21	196	95	783	1982	41073

TABLE 23

YEAR	Patients included in above table who were 65 or over at the time of the first visit during the year.		Children included in above table who were under 5 at the time of the first visit during the year.		Patients included in above table who had more than 24 visits during the year.	
	Cases	Visits	Cases	Visits	Cases	Visits
1963	809	24027	94	617	375	29494
1964	653	21562	124	912	356	27987

HEALTH VISITORS

Summary of work done during the year ended 31st December, 1964

DOMICILIARY VISITS

Maternity and Child Welfare:—

Ante-natal First visits	..	..	..	..	..	579
Re-visits	..	..	..	..	..	256
Births— 1st Visits	..	..	..	..	..	1766
Re-visits to children under 1 year	..	..	..	..	..	5279
Re-visits to children 1 – 2 years	..	..	..	..	..	4101
Re-visits to children 2 – 3 years	..	..	..	..	..	3743
Re-visits to children 3 – 4 years	..	..	..	..	..	3388
Re-visits to children 4 – 5 years	..	..	..	..	..	3475
Re-visits to children 5 – 6 years	..	..	..	..	..	—
Other visits	..	..	..	..	..	140
TOTAL ..						<hr/> 22727 <hr/>

Tuberculosis:—

First visits	..	..	..	..	..	50
Re-visits	..	..	..	..	..	742
Other visits	..	..	..	..	..	—
TOTAL ..						<hr/> 792 <hr/>

SCHOOL WORK

School children (Home visits)	..	..	..	..	..	274
School children (School visits)	..	..	..	..	..	522
TOTAL ..						<hr/> 796 <hr/>

GENERAL HEALTH

Visits paid	782
-------------	----	----	----	----	----	-----

Mental sub-normality:—

Visits paid to Mentally Sub-normal persons	288
--	----	----	----	----	----	-----

Old people	..	..	..	..	..	1110
Myopia	..	..	..	..	..	—

Summary :—

Ineffective visits	3229
Total number of visits	29724
No. of effective visits	26495
Time (as days) spent on visits	1442
Average daily number of effective visits per Health Visitor	19

CLINIC, ETC., WORK

Time as days spent:—

(a) at maternity and child welfare centres	574
(b) at chest clinics and contact sessions	71
(c) at school head to head inspections	11
(d) at school clinics	—
(e) conducting children to special schools	—
(f) assisting with school medical inspection	7
(g) at nursery schools	6

CASES REPORTED TO MEDICAL OFFICER OF HEALTH

Overcrowding	5
Other sanitary defects	33

INFLAMMATION OF THE EYES

Number of cases	44
Number of visits	105

Treatment

No. treated by own doctor	39
No. treated by own doctor and District Nurse	5
Special Treatment	—
TOTAL	44

Hospital Treatment

In patient	—
Out patient	—
TOTAL	—

Results

Vision unimpaired	44
Under treatment at the end of the year	—
TOTAL	44

At the end of the year the Health Visitor staff numbered 10, including one working part-time only.

The provision of office accommodation for health visitors in Local Authority Child Welfare Centres is now an established practice. This arrangement is proving an obvious advantage and improvement to the service. The Health Visitor is available to give advice and help by telephone or in person to anyone from 8-30 to 9-30 a.m. and 4-00 to 5-00 p.m. Mondays to Fridays inclusive. She is also more accessible by this arrangement to other social workers and family doctors, and the welfare buildings could well become centres for co-operative social work and a convenient meeting place for field workers, both statutory and voluntary, within each locality.

Development of health education, specifically delegated to the Health Visitor, has been hampered by shortage of staff.

A second successful Health Exhibition was organised and prepared by Miss A. Simpson, Health Visitor. This proved even more popular than the first open day at the centre, and a large number of people attended. Groups of school children also attended and obviously enjoyed the displays, and the films particularly chosen for them. A third exhibition is now in preparation for October, 1965.

This year two of the midwifery staff were selected to undertake Health Visitor Training and it is hoped that the staff problem may be eased by offering other suitable applicants similar opportunities from time to time.

The transfer of hygiene duties to school nurses has proved very satisfactory and there has been a marked improvement in the condition of many school children with previous head infestation.

The year 1964 has seen a further advance in understanding and co-operation between nurses, midwives, health visitors and school medical services, and there is no doubt that this "team" service has been of benefit to the community.

VACCINATION AND IMMUNISATION

SMALLPOX, DIPHTHERIA, WHOOPING COUGH AND TETANUS

Propaganda leaflets, drawing attention to the need for children to be protected against these diseases are sent to parents when their children attain the age of three months, and before they reach school age. All leaflets give details of facilities available for vaccination and immunisation in the area.

Vaccinations and immunisations are carried out by general practitioners at their surgeries and by the assistant welfare medical officers at child welfare centres. Immunisations were also carried out in all infant schools.

Tables 24 and 25 give details of the numbers vaccinated and immunised during the year.

POLIOMYELITIS VACCINATION

Vaccination against poliomyelitis was continued during the year.

TABLE 24
POLIOMYELITIS VACCINATION

Number of Persons who have received a primary course of vaccination with Salk vaccine								No. of persons who received Third injection during the year	No. of persons who received Fourth injection during the year
Children born 1964	Children born 1963	Children born 1962	Children born 1961	Children & young persons born 1943-60	Young persons born 1933-42	Others	Total		
47	90	31	27	95	19	28	337	57	7

TABLE 25

Number of Persons who have received a primary course of vaccination with oral vaccine								No. of persons given reinforcing dose of oral after 2 injections	No. of persons given reinforcing 4th dose of Oral vaccine
Children born 1964	Children born 1963	Children born 1962	Children born 1961	Children & young persons born 1943-60	Young persons born 1933-42	Others	Total		
128	737	235	118	231	150	98	1697	67	222

TABLE 26

SMALLPOX VACCINATION

	0-3 months	3-6 months	6-9 months	9-12 months	1 year	2-4 years	5-14 years	15 or over	TOTAL
No. VACCINATED	146	144	20	101	105	46	17	34	613
No. RE-VACCINATED	—	—	—	—	—	—	4	18	22

TABLE 27

TETANUS IMMUNISATION

No. of records received during the year of full courses of primary immunisation				Records received during the year of reinforcing injection
Under 1 year	1-4 years	5-15 years	TOTAL	
747	829	1046	2622	1013

TABLE 28
DIPHTHERIA IMMUNISATION

Live Births Registered	No. of children who had completed a full course of immunisation at any time up to 31st December, 1964			Records received during the year of full courses of primary immunisation	Records Received during the year of reinforcing injections
	1963	1964			
			Under 5	5-15	TOTAL
			Under 5	5-15	0-15
1699	1637	4893	1577	1008	2585
		9379			1674

TABLE 29
WHOOPING COUGH IMMUNISATION

Number of children who had completed a primary course (normally 3 injections) of pertussis vaccine (singly or in combination) for which records were received during the year				Records received during the year of reinforcing injections
Under 1 year	1 - 4 years	5 - 15 years	TOTAL	
				0 - 15
279	1339	317	1935	320

PREVENTION OF ILLNESS, CARE AND AFTER-CARE

B.C.G. VACCINATION

Tuberculin testing and vaccination of school children aged 11 years and over was undertaken during the year. 1428 children were skin tested and 1291 were vaccinated. In addition to this scheme, 1042 children in infant schools were skin tested.

NURSING EQUIPMENT

A store of articles for loan is maintained in the Health Department and issues are made on the recommendation of doctors, nurses and almoners.

Table 30 gives a summary of provisions made during 1964.

TABLE 30 – Equipment Loaned during 1964

Articles	No.	Articles	No.
Air Rings	23	Invalid Chairs, Adult ..	44
Bathmats	4	Invalid Chairs, Junior	6
Bath Safety Rail ..	6	Invalid Chair,	
Bath Seats	6	Rim-driven	1
Bedcages	30	Leg rests	1
Bedpans	70	Lifting Poles	2
Bedpans (Slipper) ..	2	Mechanical Hoist ..	1
Bedrests	56	Rubber Sheets ..	64
Bedsteads	3	Sorbo Mattresses ..	15
Commodes	61	Sorbo Rings	34
Cots, Adult	1	Sorbo Squares	8
Crutches	10	Tripod Sticks	30
Eneuresis Sets	20	Urinals, Male	43
Fracture Boards ..	3	Urinals, Female ..	3
	sets	Walking Sticks ..	5

CHIROPODY

The chiropody service was continued during the year. Regular sessions are held at child welfare centres but domiciliary visits are arranged for persons who cannot travel. The service is for persons of pensionable age only and no charge is made. Table 31 gives details of treatments.

TABLE 31

Chiropody Service

CENTRE						No. of treatments
Horden	..	..	..	..	..	350
Murton	..	..	..	..	..	373
Easington	..	..	..	..	..	341
Peterlee	..	..	..	..	..	359
Thornley	..	..	..	..	..	350
Wingate	..	..	..	..	..	344
Shotton	..	..	..	..	..	324
Deaf Hill	..	..	..	..	..	227
						<hr/> 2668
Domiciliary Treatment	..	..	..	..	..	1225
						<hr/>
TOTAL ..					..	3893
						<hr/>

HEALTH EDUCATION

Smoking and Lung Cancer

This subject has been publicised by posters at welfare centres and films shown to school children and mothers clubs throughout the district. Other topics of health education have also been publicised in group talks.

DOMESTIC HELP SERVICE

The district is supervised by a Domestic Help Organiser who engages, and places Domestic Helps and investigates all applications for help.

CHARGES AND REMUNERATION:—

The fee for the service is 5/2d. per hour, but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

The following is a summary of work accomplished during 1964:—

No. of cases provided with domestic help during the period			
Chronic sick (including aged and infirm)	600		
Maternity (including expectant mothers)	7		
Tuberculosis	2		
			<hr/>
			609
			<hr/>

In addition to the above, the following cases ceased and recommenced during the year.

Chronic sick (including aged and infirm)	25		
No. of cases attended 1st January, 1964	466		
No. of new cases during the year	143		
No. of cases terminated during the year	109		
No. of cases attended 31st December, 1964	500		
No. of cases on waiting list at 31st December, 1964 ..	44		
No. of visits paid by organiser	3148		
No. of Domestic Helps employed at the end of the year ..	268		

MENTAL HEALTH SERVICE

STAFF

Mental Welfare Officers	2
Supervisors, Training Centres	1
Assistant Supervisors	1
Trainee Assistant Supervisors	3
Craft Instructors (Male)	1

One member of the Junior Training Centre staff is at present on a course of study for the Diploma of the National Association of Mental Health.

ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY

HOSPITAL ADMISSIONS

TABLE 32

HOSPITAL	Sect. 25	Sect. 26	Sect. 29	Sect. 60	Inform.	Temp.	TOTAL
MENTALLY ILL							
General, West Hartlepool	—	—	2	—	2	—	4
Winterton, Sedgefield	3	—	34	1	8	—	46
Cherry Knowle, Ryhope	—	—	5	—	1	—	6
Total	3	—	41	1	11	—	56
MENTALLY SUB-NORMAL							
Prudhoe and Monkton	—	—	—	—	5	1	6
Aycliffe	—	—	—	3	1	1	5
Winterton, Sedgefield	—	—	1	—	—	—	1
TOTAL	—	—	1	3	6	2	12

ASCERTAINMENT

Under the provisions of the Education Act 1944, the Local Education Authority notified the following cases during the year.

Section 57	M.	F.	Total
Children considered unsuitable for education at school	4	6	10

At the end of the year there were 350 mentally sub-normal persons on the register, 13 of these being added during the year, compared with 11 in 1963.

The supervision of mentally sub-normal persons is mainly carried out by Mental Welfare Officers and Health Visitors who made 1229 and 288 visits respectively.

TRAINING CENTRES

The Junior Training Centre, Easington, continued to operate satisfactorily during the year, and on 31st December, 1964, 43 children and 11 adults were in attendance.

WELFARE OF THE BLIND AND PARTIALLY-SIGHTED

REGISTER AND REGISTRATION OF BLIND PERSONS

The number of blind persons on the register at 31st December, 1964, was 142, an increase of nine during the year. Table 33 gives details.

TABLE 33
Blind Population according to Age and Sex

	1 and under	2- 4	5- 10	11- 15	16- 20	21- 29	30- 39	40- 49	50- 59	60- 64	65- 69	70- 79	80 & over	TOTAL
M	—	—	3	2	—	5	3	5	6	6	—	15	12	57
F	—	—	—	—	—	—	4	5	10	6	7	23	30	85
TOTAL	—	—	3	2	—	5	7	10	16	12	7	38	42	142

During this period 27 blind persons were added to the register and 18 either died or left the district.

Two part-time ophthalmologists examined 40 cases referred to them. These cases were classified as follows:—

First Examination

No. certified blind	26
No. certified partially-sighted	9
No. certified not blind	4
	<u>39</u>

Re-examinations

No. certified blind	1
-----------------------------	---

REGISTRATION OF PARTIALLY-SIGHTED

The number of partially-sighted persons on the Council's register on 31st December, 1964, was 30 compared to 27 in 1963. Table 34 gives details.

TABLE 34
Partially-sighted Persons according to Age and Sex

	0-1	2-4	5-15	16-20	21-49	50-64	65 and over	TOTAL
M	—	—	5	—	1	1	4	11
F	—	—	2	1	1	2	13	19
TOTAL	—	—	7	1	2	3	17	30

The following table gives further information regarding the recommendations and action taken in relation to blind and partially-sighted persons registered during the year.

TABLE 35

	Cause of Disability		
	Cataract	Glaucoma	Misc.
(1) No. of cases registered during the year in respect of which			
(a) No treatment was recommended:—			
Blind	10	4	10
Partially-sighted ..	1	1	1
(b) Treatment recommended (Medical, Surgical or Optical)			
Blind	1	—	1
Partially-sighted ..	1	—	5
(2) No. of cases at 1 (b) who later received treatment			
Blind	—	—	—
Partially-sighted ..	—	—	—

In all cases of cataract, glaucoma or any other disability the patient's private doctor is informed of the findings and recommendations of the Ophthalmologist.

EMPLOYMENT

The following information relates to trained blind persons in employment at the end of the year.

	Institution Workers
Royal Institution for the Blind, Sunderland ..	1
Hartlepool Workshops for the Blind, West Hartlepool	1

HOME TEACHING SERVICE

One home teacher is employed by this Authority, and one employed by Durham County Council spends part of her time visiting in the Easington area. Each of the teachers visits blind persons regularly and holds classes for teaching handicrafts.

WELFARE OF THE PHYSICALLY HANDICAPPED

At the end of the year there were 132 males and 85 females on the register, an increase of 66 during the last year.

The Council continues to adapt houses so as to give greater convenience and comfort to the physically-handicapped.

WELFARE OF THE DEAF

This service is operated on an agency agreement with the North-umberland and Durham Mission to the Deaf and Dumb. Welfare Officers visit and look after the general welfare of registered persons. At the end of the year the number of persons registered as deaf or hard of hearing was 47, classified as follows:—

					M.	F.	Total
Under 16 years	..	..	..	..	6	3	9
16-64 years	..	..	..	..	17	17	34
65 years and over	..	..	..	..	1	3	4
					24	23	47

At the end of December 1964, four boys and three girls were attending residential schools for the deaf outside the county area

SECTION V

SCHOOL HEALTH SERVICE

The number of children in schools at 31st December, 1964, was 14,443, divided as follows:—

	Number	Children on Roll
Nursery	1	40
Primary	47	9650
Secondary Modern	13	3547
Grammar	2	1117
Special (Day School for Educationally Sub-normal)	1	89
	<hr/> 64 <hr/>	<hr/> 14443 <hr/>

Medical inspection was carried out in three groups:—

Entrants

Ten plus

Last year of compulsory education.

A monthly visit was also paid to Easington Junior Training Centre, Horden Day Special School and Wingate Nursery.

During the year, nurses also visited Junior Schools to test the vision of children not being medically examined, to lessen the interval between entrant and intermediate examinations.

MEDICAL INSPECTIONS

The number of children inspected was 5,078, of which 325 were “Specials”.

1,151 re-inspections were also carried out.

Pupils found to require treatment at Periodic Medical Inspections (excluding Dental Diseases and Infestation with Vermin).

Age Groups Inspected (By year of birth)	For defective vision (excluding squint)	For any of the other conditions	Total Individual Pupils
1960 & later	—	3	3
1959	16	135	141
1958	43	166	194
1957	11	23	28
1956	41	60	91
1955	33	43	65
1954	22	37	52
1953	161	167	294
1952	100	125	195
1951	24	29	45
1950	22	18	33
1949 & earlier	180	163	299
TOTAL ..	653	969	1440

DEFECTS FOUND AT MEDICAL INSPECTION DURING THE YEAR

Defect or Disease	Periodic Inspections							
	Entrants		Leavers		Others		Total	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin	24	19	27	8	54	23	105	50
Eyes—								
(a) Vision	75	53	187	39	391	246	653	332
(b) Squint	54	5	21	3	66	9	141	17
(c) Other	11	1	5	1	17	3	33	5
Ears—								
(a) Hearing	35	31	10	6	41	30	86	67
(b) Otitis Media	12	29	14	7	10	23	36	59
(c) Other	4	2	3	1	1	2	8	5
Nose and Throat	64	187	20	31	78	205	162	423
Speech	28	31	3	7	23	21	54	59
Lymphatic Glands	4	41	—	3	4	40	8	84
Heart	15	37	6	6	20	29	41	72
Lungs	24	45	12	10	24	48	60	103
Developmental—								
(a) Hernia	4	11	—	3	3	6	7	20
(b) Other	4	10	4	6	17	22	25	38
Orthopaedic—								
(a) Posture	—	—	3	—	2	2	5	2
(b) Feet	30	26	5	9	26	38	61	73
(c) Other	10	11	10	11	16	30	36	52
Nervous System—								
(a) Epilepsy	4	4	—	—	6	7	10	11
(b) Other	6	12	5	9	10	34	21	55
Psychological—								
(a) Development	6	9	7	8	33	16	46	33
(b) Stability	5	15	6	2	15	24	26	41
Abdomen	16	18	10	2	21	9	47	29
Other	27	13	28	1	62	14	117	28

(T) Number of pupils found to need treatment.

(O) Number of pupils found to need observation.

SPECIAL INSPECTIONS

Defect or Disease	Special Inspections	
	Pupils requiring Treatment	Pupils requiring Observation
Skin	13	5
Eyes—		
(a) Vision	95	43
(b) Squint	23	3
(c) Other.. .. .	2	—
Ears—		
(a) Hearing	8	20
(b) Otitis Media	5	16
(c) Other.. .. .	—	—
Nose and Throat	24	33
Speech	14	18
Lymphatic Glands	1	1
Heart	6	5
Lungs	14	16
Developmental—		
(a) Hernia	1	2
(b) Other.. .. .	2	4
Orthopaedic—		
(a) Posture	1	—
(b) Feet	5	5
(c) Other.. .. .	14	3
Nervous System—		
(a) Epilepsy	11	1
(b) Other.. .. .	2	11
Psychological—		
(a) Development	111	5
(b) Stability	8	5
Abdomen	7	1
Other	12	2

PERMANENT SCHOOL CLINICS

Clinic	Sessions	Sessions
HORDEN Blackhills Road	Medical Officer Tues. (a.m.) Minor Ailments Tues. (a.m.) Building used by School Health Service	Educational Psychologist By arrangement
MURTON Woods Torrace	Medical Officer Thur. (a.m.) Minor Ailments Thur. (a.m.) Building used by Maternity and Child Welfare and School Health Service	Educational Psychologist— By arrangement Audiometrician— By arrangement
PETERLEE Fleming Place	Medical Officer Fri. Minor Ailments Fri. (a.m.) Dental Officer No. 1 Surgery Daily No. 2 Surgery Daily Building used by Maternity and Child Welfare and School Health Service	Speech Therapist—Mon., Thur., Fri. Educational Psychologist— By arrangement Audiometrician— By arrangement Oculist Wed. (p.m.)
WINGATE 'Oaklea', Fir Tree	Medical Officer Mon. (a.m.) Minor Ailments Mon. (a.m.) Dental Officer Daily Oculist Wed. (a.m.) Building used by Maternity and Child Welfare and School Health Service	Speech Therapist Wednesday Educational Psychologist— By arrangement Audiometrician— By arrangement

**Analysis of Cases examined at School Clinics during
the year 1964**

Defect or Disease					No. of cases	No. Exam.
1.	Cleanliness	..	..	..	—	—
2.	Infestation – Head	..	..		4	35
	Body	..	..		—	—
3.	Teeth	..	..	..	5	5
4.	Skin (a)	Ringworm of Scalp	..		1	1
	(b)	Ringworm of Body	..		—	—
	(c)	Other	..	..	34	52
5.	Eyes (a)	Vision	..	..	47	54
	(b)	Squint	..	..	4	5
	(c)	Other	..	..	8	13
6.	Ears (a)	Hearing	..	..	38	59
	(b)	Otitis Media – R	..		3	7
		L	..		5	9
	(c)	Other	..	..	13	21
7.	Nose or Throat	..	..	..	36	96
8.	Speech	..	..	..	10	12
9.	Lymphatic Glands	..	..	..	3	14
10.	Heart and Circulation	..	..		8	27
11.	Lungs	..	..	..	26	75
12.	Development (a)	Hernia	..	..	1	1
	(b)	Other	..	..	2	2
13.	Orthopaedic (a)	Posture	..		1	1
	(b)	Feet	..	..	1	1
	(c)	Other	..	..	7	12
14.	Nervous System (a)	Epilepsy	..		3	6
	(b)	Other	..		11	23
15.	Psychological (a)	Development	..		5	15
	(b)	Stability	..		51	129
16.	General Debility	..	..	..	56	169
17.	Abdomen	..	..	..	14	36
18.	Other Defects	..	..	..	21	26
19.	Special Cases	..	..	..	17	21
20.	No appreciable Defect or Disease				2	3
TOTALS					437	930

**No. of Cases Treated at the School Clinics during
the year 1964**

Defect or Disease	Number of Cases	Number of attend- ances
Ringworm – Scalp	—	—
Ringworm – Body	—	—
Scabies	—	—
Impetigo	—	—
Other skin diseases	1	1
Minor Eye Defects (external and other but excluding errors of refraction and squint)	1	1
Refractions	653	653
Minor Ear Defects	1	1
Miscellaneous (e.g. minor injuries, bruises, sores, chilblains, etc.) ..	6	6
	662	662

The school clinics are becoming less minor ailment clinics and more consultative clinics so that, while the number of children seen has decreased, the time spent on each child has increased.

Parents are showing an increased awareness that, at the clinic, they can obtain advice on the medical problems of children in relation to their education.

Apart from children brought by their parents, others are referred by Head Teachers, Welfare Officers, Health Visitors and Family Doctors, the latter mainly in respect of audiometric testing and Child Guidance.

Other Facilities for Medical Treatment

VISION TESTING

Clinics were held weekly at Peterlee by Mr. J. Frankenthal and at Wingate by Mr. C. Sharp. The demand was such that, on several occasions, an extra session had to be arranged. 653 children were tested at the clinics during the year.

Head Teachers were informed as to whether or not glasses were prescribed for the children.

AUDIOMETRIC TESTING

A decrease in the County Council's establishment of audiometricians during the second half of the year meant that very little screening was done in that time, but clinic sessions for cases referred from school, speech therapy and other sources continued.

HEARING AIDS

Children who wear hearing aids were seen by the County Organiser for Deaf Education who maintained a close liaison with School Medical Officers.

CHILD GUIDANCE AND EDUCATIONAL PSYCHOLOGY

These services during the year were provided by the County Council through Durham Child Guidance Centre and by visits from two Educational Psychologists on one day a week to test children.

The demand for Child Guidance is increasing, the most noticeable feature being the number of school refusals. The priority given to these by Dr. Walley was a great help, but increased facilities for Child Guidance are still needed.

The Educational Psychologists had a very long waiting list, but the appointment of a full-time Psychologist in January, 1965, should bring about a considerable improvement.

SPEECH THERAPY

The Speech Therapist held clinics at Peterlee and Wingate and also paid a weekly visit to Horden Day Special School and Easington Junior Training Centre.

	Boys	Girls	Total
No. of children on register in January, 1964..	125	35	160
No. of new cases admitted for treatment ..	38	11	49
No. of cases discharged	20	9	29
No. of cases transferred	9	3	12

TYPES OF SPEECH DEFECT TREATED:

Stammer	21	6	27
Dyslalis	60	14	74
Alalia	1	—	1
Cleft Palate	1	1	2
Others	21	13	34
No. of children having received treatment throughout the year	104	34	138

OTHER EXAMINATIONS

Physically and mentally handicapped children were ascertained either at the clinics or, where necessary, at home.

The following figures show the distribution of handicapped children in the various categories.

Blind	4	(—)
Partially sighted	5	(—)

Deaf	8	(2)
Partially hearing	8	(5)
Physically handicapped	10	(8)
Delicate... .. .	16	(9)
Epileptic	4	(2)
Educationally sub-normal	117	(30)

The figures in brackets show the number of children examined or re-examined during the year.

At the end of the year no children were awaiting admission to schools for blind, partially sighted, deaf or partially hearing.

The greatest delay occurred in the placement of educationally sub-normal pupils as, due to Staff shortage, there were no routine admissions to Horden Day School since the commencement of the summer term.

Other examinations carried out at school clinics were as follows:—

For part-time employment while still attending school ..	14
College Entrants and Intending Teachers	87
Superannuation cases	139

VACCINATION AND IMMUNISATION

Heaf testing of school entrants, testing and B.C.G. vaccination of children in Secondary Modern Schools and administration of oral poliomyelitis vaccine was carried out by the Medical Officer of Health and his staff.

The school medical officers visited all infant schools and children who were already protected against poliomyelitis were offered diphtheria and/or tetanus immunisation as necessary.

1807 immunisations were carried out.

DENTAL SERVICES

At the commencement of 1964, there were two full-time dentists. A part-time dentist was appointed in April, becoming full-time in June. The service was thus fully staffed at the end of the year with three full-time Dental Officers and three Dental Surgery Assistants.

During the year two full-time surgeries were working at Peterlee and one at Wingate.

(a) DENTAL AND ORTHODONTIC WORK

I. Number of pupils inspected by the

Authority's Dental Officers:—

i. At Periodic Inspections ..	6166		
ii. As Specials	113	Total	6279

II.	Number found to require treatment	4646
III.	Number offered treatment ..	4646
IV.	Number actually treated	2161

(b) DENTAL WORK (OTHER THAN ORTHODONTICS)

I.	Number of attendances made by pupils for treatment, excluding those recorded at (c) i below ..	5706
II.	Half days devoted to:	
	i Periodic (School) Inspections 66	
	ii Treatment 1092	Total 1158
III.	Fillings i Permanent Teeth .. 4562	
	ii Temporary Teeth .. 400	Total 4962
IV.	Number of Teeth filled:	
	i Permanent Teeth 3642	
	ii Temporary Teeth 367	Total 4009
V.	Extractions:	
	i Permanent Teeth 543	
	ii Temporary Teeth 1983	Total 2526
VI.	i Number of general anaesthetics given for extractions	1009
	ii Number of half days devoted to the administration of general anaesthetics by:	
	A. Dentists —	
	B. Medical Practitioners .. 101	Total 101
VII.	Number of pupils supplied with artificial teeth	37
VIII.	Other operations:	
	i Crowns —	
	ii Inlays —	
	iii Other Treatment 1047	Total 1047

(c) ORTHODONTICS

I.	Number of attendances made by pupils for orthodontic treatment..	909
II.	Half days devoted to orthodontic treatment	96

III.	Cases commenced during the year	103
IV.	Cases brought forward from the previous year 	276
V.	Cases completed during the year ..	63
VI.	Cases discontinued during the year	23
VII.	Number of pupils treated by means of appliances 	383
VIII.	Number of removable appliances fitted 	89
IX.	Number of fixed appliances fitted	—
X.	Cases referred to and treated by Hospital Orthodontics 	13

CLEANLINESS INSPECTIONS AND HOME VISITS

The number of head inspections carried out was 5995 of which 125 were found to be unclean.

The Health Visitors and School Nurses carried out the first and second inspections of the year and subsequent inspections and home follow-up visits were carried out mainly by School Nurses.

School Nurses also visited the homes of a number of children discharged from hospital with conditions which might affect their education, and provided escorts for some of the handicapped children to and from residential schools.

SECTION VI

SANITARY CIRCUMSTANCES OF THE AREA

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health.

Sir,

I have pleasure in submitting a report of the work undertaken by the Inspectors of this department during the year 1964.

The various tables and statistical matter of this Section show continued activity by the Inspectors in all the branches of the Public Health Services. Many hours are spent and devoted to meat inspection and food hygiene.

Housing Act "Standard Grants" are still being used and the Inspectorate devoted a lot of time discussing, explaining and following through the various applications, especially with the new extensions to the grant scheme.

I am again grateful for the assistance of my colleagues and the co-operation of the chief officers.

I am, Sir,

Your obedient Servant,

R. E. V. WARRAND,

Senior Public Health Inspector

WATER SUPPLY

Water undertakings supplying the District are:—

Sunderland and South Shields Water Company.

The National Coal Board.

Forty-eight samples of mains water were taken from public stand pipes or consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland. All were reported as satisfactory.

A typical analysis of a mains supply is as follows:—

CHEMICAL ANALYSIS	PARTS PER MILLION
Total Solids dried at 180°C	472
Chlorides	31
Temporary Hardness	284
Total Hardness	400
Nitrate as Nitrogen.. ..	2.4
Nitrite as Nitrogen	nil.
Free Ammonia	nil.
Albuminoid Ammonia	nil.
Oxygen absorbed from Permanganate, 3 hours at 37°C	0.04
Iron as Fe	nil.
pH	7.6

The above analysis relates to the water supplied from New Winning Pumping Station, but you will appreciate that the water supplied to the different parts of the Rural District varies considerably.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

LOCALITY	1	2	3	4	5
	Estimated population	Area in acres	Number of houses and other premises with dwelling ac'm'dat'n	No. of Houses with mains supply direct to houses	No. of Houses with mains supply from stand-pipes
Burdon ..	97	1286	26		
Seaton with Slingley ..	505	1392	180	220	—
Warden Law ..	39	500	14		
Castle Eden ..	421	1546	164	164	—
Cold Hesledon ..	941	1150	306	565	—
Dalton-le-Dale ..	710	691	259		
Easington ..	9749	3709	3158	3158	—
Haswell ..	2457	3767	1878	1878	—
South Hetton ..	3058				
Hutton Henry ..	381	2012	812	812	—
Station Town ..	1998				
Hawthorn ..	336	1413	125	125	—
Blackhall ..	6436	2654	2562	2562	—
Hesledens ..	1235				
Murton East ..	8589	1406	2840	2840	—
Sheraton with Hulam ..	112	2346	43	46	—
Nesbitt ..	10	333	3		
Shotton ..	5709	1421	1885	1885	—
Horden ..	12062	1302	3692	3692	—
Peterlee ..	15459	2007	5107	5107	—
Thornley ..	4299	1148	1401	1401	—
Wingate ..	3762				
Wheatley Hill ..	5534	4570	3710	3710	—
Trimdon ..	1701				
TOTALS ..	85600	34653	28165	28165	—

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

	No. of inspections	No. of Informal Notices served	No. of Statutory Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	3385	230	29	281
Overcrowding	48	—	—	—
Sanitary Conveniences:				
Insufficient	—	—	—	—
Defective	66	18	4	20
Drainage	226	43	21	54
Water Supply	39	7	—	5
Food Premises	3649	37	3	28
Shops Act	141	1	—	1
Dairies	61	—	—	—
Slaughterhouses:				
Public	—	—	—	—
Private	2410	—	—	—
Tents, Vans, etc. ..	22	—	—	—
Offensive Trades ..	70	2	1	3
Factories & Workplaces	186	13	2	20
Keeping of Animals ..	13	4	—	2
Insanitary Ashpits and Receptacles	10	2	3	3
Offensive accumulations	42	8	—	5
Smoke Nuisances ..	19	2	—	2
Prevention of Damage by Pests Act, 1949 ..	3536	72	—	71
TOTALS ..	13923	439	63	495

SMOKE ABATEMENT AND COLLIERY SPOILBANKS

Inspections have continued to be made to spoilbanks and advice given on the installation of boiler plants as to the height of flues, etc.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

The three sites used in the Crimdon area are subject to weekly visits, especially during the summer months.

VERMINOUS PREMISES

Nine Council houses and eight private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 157 cases of infestation of house property by cockroaches, etc. advice and active assistance were given.

INFECTIOUS DISEASE INVESTIGATION

186 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 174 faecal specimens were taken for bacteriological examination.

LICENSED PREMISES, CLUBS, ETC.

Thirty-eight inspections were carried out at licensed premises and clubs. One informal notice was served and one was complied with.

CINEMAS AND PUBLIC HALLS

Eighteen inspections were made in respect of heating, lighting, ventilation and sanitary accommodation. Two informal notices were served and complied with.

RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 604 manholes baited, 183 gave evidence of rat infestation:—

No. of Manholes Baited	..	..	..	604
No. of Manholes Baited showing part takes of poison bait	..	..	..	148
No. of Manholes Baited showing complete takes of poison bait	..	..	..	35

It will be observed from the table that during the year 1964, inspection of non-agricultural properties either as a result of complaints received or in the course of normal daily routine revealed 816 infestations by rats. Only 56 of these were found to be heavy or major infestations and the remainder, 760 were minor. Five properties were found to be seriously infested by mice, and included in the 191 premises requiring minor treatment for mice 128 were dwelling houses. Altogether 774 properties affected by rat or mouse infestation were treated during the year. There were 355 inspections carried out on agricultural properties during 1964, and farmers and tenants are still being encouraged to contract with the Council for the destruction of rodents on their premises.

Prevention of Damage by Pests Act, 1949.

Report for 12 Months ended 31st December, 1964.

	TYPE OF PROPERTY				
	NON-AGRICULTURAL				(5) Agri- cultural
	(1) Local Authority	(2) Dwelling Houses (inc. Council Houses)	(3) All other (including Business Premises)	(4) Total of Cols. (1) (2) and (3)	
I. Number of properties in Local Authority's District (see Notes 1 & 2)	63	27672	4149	31884	335
II. Total number of properties inspected as a result of notification (See Note 3)	36	591	147	774	14
Number of such properties found to be infested by:—					
Common rat (Major)	15	2	25	42	10
(Minor)	19	469	72	560	4
Ship rat (Major)	—	—	—	—	—
(Minor)	—	—	—	—	—
House mouse (Major)	—	—	5	5	—
(See Note 4) (Minor)	2	120	45	167	—
III. Total number of properties inspected in the course of survey under the Act	17	172	50	239	297
Number of such properties found to be infested by:—					
Common rat (Major)	6	—	8	14	10
(Minor)	5	155	24	184	37
Ship rat (Major)	—	—	—	—	—
(Minor)	—	—	—	—	—
House mouse (Major)	—	—	—	—	—
(Minor)	2	6	4	12	—
IV. Total number of properties otherwise inspected (e.g. when visited primarily for some other purpose)	—	12	13	25	—
Number of such properties found to be infested by:—					
Common rat (Major)	—	—	—	—	—
(Minor)	—	9	7	16	—
Ship rat (Major)	—	—	—	—	—
(Minor)	—	—	—	—	—
House mouse (Major)	—	—	—	—	—
(Minor)	—	2	5	7	—

Prevention of Damage by Pests Act, 1949—continued

	TYPE OF PROPERTY				
	NON-AGRICULTURAL				(5) Agri- cultural
	(1) Local Authority	(2) Dwelling Houses (inc. Council Houses)	(3) All other (including Business Premises)	(4) Total of Cols. (1) (2) and (3)	
V. Total inspections carried out – including re-inspections (To be completed only if figures are readily available)	152	2360	617	3129	353
VI. Number of infested properties (in Sections II, III and IV) treated by the L.A.	49	705	161	915	14
VII. Total treatments carried out – including re-treatments. (To be completed only if figures are readily available). (See Note 3)	49	705	161	915	14
VIII. Number of notices served under Section 4 of the Act:—					
(a) Treatment	—	—	—	—	—
(b) Structural Work (i.e. Proofing)	—	54	11	65	3
IX. Number of cases in which default action was taken following the issue of a notice under Section 4 of the Act.	—	—	—	—	—
X. Legal Proceedings (see XII below) ..	—	—	—	—	—
XI. Number of “Bloek” control schemes carried out	48				
XII. Where legal proceedings have been instituted by the Local Authority brief particulars should be given here:—					
XIII. Any other points of interest.					

NOTES

NOTE 1. With the exception of agricultural properties, a property means one which is entered separately in the Valuation Roll for the area.

NOTE 2. (i) Premises used by the L.A. for the purposes of trade should be entered in Col. (3).

(ii) Sewers should not be included.

(iii) Combined dwelling and business premises, where occupied by the same person, should be regarded as business premises and should be entered in Col. (3). Where the dwelling and business parts of the premises are in separate occupation, separate entries should be made in Cols. (2) and (3).

NOTE 3. In filling in the first lines of Sections II, III and IV each property should be counted once only. On other lines, if two or more species are found on the same property, it should be counted for each species.

NOTE 4. Do not include other mouse-like rodents such as field-voles, wood-mice, etc.

HOUSING

A total of 808 Council houses was inspected during the year either on the occasion of the house becoming vacant or prior to exchange. The general condition of the property was invariably reported and both the Surveyor and the Accountant informed of details of disrepair. A valuable opportunity is given under this system of inspection prior to exchanges being confirmed to recommend refusal where a house is observed to be wilfully neglected or verminous. Colliery property in one parish is also subject to this system. One informal notice was served to "clean up" prior to exchange.

Forty-eight requests in respect of Council houses were investigated by the District Inspectors. Reports on the living conditions and circumstances of the applicants were prepared and forwarded to local members for their information and consideration.

INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1936-64.

Number of visits and re-visits	1816
Number of informal notices served ..	75
Number of statutory notices served ..	1
Number of notices complied with ..	39

FACTORIES ACT, 1961

During the year 184 inspections of premises subject to the provisions of the above Act were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of overcrowding in workrooms.

Thirteen informal notices to remedy defects were taken, with satisfactory results in fourteen cases.

FACTORIES ACT 1961

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	57	90	6	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	110	94	9	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	37	—	—	—
TOTAL	204	184	15	—

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1)	11	9	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3) ..	—	—	—	—	—
Inadequate ventilation (S.4)	4	4	—	—	—
Ineffective drainage of floors (S.6) ..	—	—	—	—	—
Sanitary Conveniences (S.7)	14	13	—	—	—
(a) Insufficient	5	5	—	1	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	34	31	—	1	—

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

Nature of Work (1)	Section 133			Section 134		
	No. of out-workers in August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing Apparel (Making)	1	—	—	—	—	—

SUPERVISION OF FOOD SUPPLIES

INSPECTION OF MEAT AND OTHER FOODS

MEAT

Private Slaughtering at the nine licensed slaughterhouses in the district proceeded smoothly. One licence expired.

Perusal of the following tables will show that 27,672 animals have been slaughtered, all of which were inspected, and that 2,267 stones of meat and edible offal were condemned. Part of this was collected by a recognised salvage firm from the Cleansing Department at Murton and some disposed of by incineration.

During the year it was decided to make charges, as suggested by the Ministry, for the inspection of all carcasses passed for human consumption. Since this became operative a total of £1,799 has been received by the Council.

OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of traders' claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 390 stones of other foods were condemned, a decrease of 24 stones on the figure of 414 for the year 1963.

	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number Slaughtered	6060	32	21	14,825 plus 3 Casualties	6730 plus 1 Casualty
Whole Carcases condemned (T.B. only) .. .	—	—	—	—	—
Whole Carcases of which some part or organ condemned (T.B. only) .. .		2	—	—	17
Percentage of number inspected affected with T.B. .. .		0.03%	—	—	0.25%
Carcases condemned (All diseases and conditions excluding T.B.)	5	2	1	25 plus 3 Casualties	3 plus 1 Casualty
Carcases of which some part or organ condemned. (All diseases and conditions excluding T.B.)		1742	—	188	338
Percentage of number inspected affected with disease or condition other than T.B. .. .		28.70%	4.76%	1.45%	5.08%

14 Bovine Carcases and Offal affected with Cysticercus Bovis assigned to Cold Store.

Carcases, Organs and Edible Offal condemned as being unfit for Human Consumption during the year 1964.

	Carcases, etc.				Lungs (Sets)			Hearts			Kidneys			Livers			Heads and Tongues			Sets Stomachs and Intestines			Fat			Udders			Spleen			Plucks			
	Beef	Veal	Mutton	Pork	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Cow	Ewe	Sow	Ox	Sheep	Pig	Ox	Sheep	Pig	
Abscesses	1		1	1	7	1	1		1	1	1	4	1	213	4	1	2	1	2	1	1	1		1	1			1	1	1	1		1	1	
Actinobacillosis																	12																		
Actinomycosis																	6																		
Acute Fever			1			1			1			1			1			1			1			1						1			1		
Anaemia			1c			1			1			1			1			1			1			1			1			1			1		
Anasarca			1			1			1			1			1			1			1			1			1			1			1		
Ascariasis																18																	1		
Bruising and Injury			2c			2			2			2			2			2			2			2					2			2			
Cirrhosis														284 + 989 Part Livers	1 + 1 Pt Liv.	125																	16		
Cystic Conditions					133			5	2		4		1		2																				
Cysticercus Bovis								21	1								17																		
Distomatosis															100	2																4			
Emaciation and/or Oedema	1		14	1		7	1		7	1		7	1		6	2		6	2		7	1		7	1		1			7	1		7	1	
Emphysema					2												7																		
Hepatitis																7																			
Johnes Disease	1				1			1			1			1			1			1			1			1				1			1		
Joint-ill		1			1			1			1			1			1			1			1							1			1		
Mastitis																										2									
Necrosis														2																					
Nephritis												7																							
Parasites						12									24																				
Pericarditis.. .. .								14	13	28							2																9		
Peritonitis															9					1															
Pleurisy					66	2	11																									4	6		
Pneumonia						17	18			3					5																	14	68		
Pyæmia					1			1			1						1			1			1							1			1		
Septic Conditions	4		6	1+1c	4	6	1	4	6	1	4	6	1	4	6	1	4	6	1	4	8	1	4	6	1		4			4	6	1	4	6	1
Splenitis																																			
Telangiectasis														8																					
Traumatism			1								2																								
Tuberculosis																	2			17															
Tympanitis.. .. .			1			1			1			1			1			1			1			1						1			1		

MEAT SURRENDERED FOR OTHER REASONS

	Beef	Pork	Mutton	Sts.	Lbs.
Beef	238			3	
Pork		3		11	
Mutton			3	5	

"C" indicates Casualty Animal

Provisions, Fish, etc. Condemned as being unfit for Human Consumption during the year 1964.

Cause of Unfitness	Provisions, Loose	Tinned/Bottled Foods	Fish and Fish Products
Brown Heart	Pears (42 boxes) sts. lbs. 135 0		sts. lbs.
Decomposition/Rancidity	Bacon and Ham 3 9½ Butter 1 9¼ Chickens 1 8 Grapes 6 6 Manufactured Meat Products 2 1¼ Potatoes 45 8 Rabbits (Frozen) 2 8 Sundries 2 2 Tongue 4 4 Cake 10 Cheese 1 0	79 Tins Fish Products 2 7 835 Tins Fruit 69 13½ 583 Tins Meat Products 78 1¼ 84 Tins Milk 5 9 12 Tins Sundries 1 5 468 Tins Vegetables 29 4¼ 14 Jars Meat Products 2½ 14 Jars Preserves 13¾	
Mould			
Decomposition due to Blown and Damaged Tins			
Broken Jars			
Decomposition			Filletts 2 0

Total weight of Meat and Edible Offal condemned	2,267 sts. 12 $\frac{3}{4}$ lbs.
Total weight of Tinned Foods, etc. condemned	390 sts. 10 $\frac{1}{4}$ lbs.
Total Weight .	2,658 sts. 9 lbs.
<hr/> <hr/>	
= 16 Tons 12 cwts. 2 st. 9 lbs.	

Year ending 31st December	Weight of Meat and Other Foods Condemned			
	tons	cwts.	sts.	lbs.
1955	22	7	2	1 $\frac{1}{2}$
1956	22	7	4	12
1957	24	9	2	6 $\frac{1}{2}$
1958	22	19	0	7 $\frac{1}{4}$
1959	21	5	1	12 $\frac{1}{4}$
1960	17	15	6	8 $\frac{1}{4}$
1961	18	15	6	13 $\frac{3}{4}$
1962	16	11	4	1 $\frac{1}{4}$
1963	14	13	7	9 $\frac{1}{4}$
1964	16	12	2	9

PUBLIC HEALTH (MEAT) REGULATIONS, 1924—1963

Vehicles used for the transport of carcase meat were frequently examined during the year and found to be generally maintained in a satisfactory condition. The new Regulations brought in the individual stamping of carcasses fit for human consumption putting greater responsibility on to the Inspector.

SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackery yard was 47. This figure included five new licences issued during the year.

FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared or stored for purposes of sale. Wherever it has been felt necessary, district public health inspectors have urged traders to provide refrigeration equipment.

The types of food premises registered, visited and subject to informal action during the year are detailed in the following table:—

Premises	Number Registered	Number of Inspections	Notices Served	Notices Complied With
Fish Shops	52	70	2	1
Butchers' Shops	62	186	5	6
Ice Cream Shops	197	169	—	—
Restaurants, etc.	Nil.	93	—	—
Other Food Prem.	Nil.	3245	32	25
TOTALS	311	3763	39	32

One application for registration of premises for "The sale of ice-cream" and one for "Pickled Food" under Section 16 of the Act were received during the year, both of which were approved. The applications, by mutual consent, were not submitted for consideration until the shopkeeper had discussed his proposal with the inspector for the particular district and satisfied him on the arrangements provided.

Ice-cream samples numbering 107 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All samples attaining grades one and two are regarded as satisfactory. It will be observed from the following comparison that the high standard of the past few years has been maintained.

Year	No. of samples taken	No. satisfactory	Percentage satisfactory
1958	115	108	94%
1959	132	127	96%
1960	127	126	99%
1961	113	111	98%
1962	122	114	93%
1963	118	114	98%
1964	102	97	95%

(All samples submitted to Methylene Blue Reduction Test)

An additional 12 samples of ice-cream sold within the rural district were collected for fat analysis and examined by Mr. W. Gordon Carey, Public Analyst, Newcastle upon Tyne. All samples were found to be satisfactory.

Appropriate action has been taken under the Food Hygiene Regulations of the Act requiring occupiers of food premises to conform to the standards laid down.

ICE CREAM SAMPLING—YEAR 1964.

District	Methylene Blue										Fat Content			
	Grades										Above	%	Below	%
	1	%	2	%	3	%	4	%	5	%				
Blackhall Colliery	5	100.0	—	—	—	—	—	—	—	2	100.0	—	—	
Blackhall Rocks ..	2	100.0	—	—	—	—	—	—	—	—	—	—	—	
Castle Eden ..	2	100.0	—	—	—	—	—	—	—	—	—	—	—	
Easington ..	1	33.3	1	33.3	—	—	1	33.3	—	—	—	—	—	
Easington Colliery	10	76.9	1	7.7	2	15.4	—	—	—	3	75.0	1	25.0	
Haswell ..	2	100.0	—	—	—	—	—	—	—	—	—	—	—	
Hawthorn ..	1	100.0	—	—	—	—	—	—	—	1	100.0	—	—	
Horden ..	4	80.0	1	20.0	—	—	—	—	—	2	100.0	—	—	
Murton ..	11	68.7	4	25.0	1	6.3	—	—	—	1	100.0	—	—	
Peterlee ..	2	66.7	1	33.3	—	—	—	—	—	1	100.0	—	—	
Shotton ..	5	100.0	—	—	—	—	—	—	—	—	—	—	—	
South Hetton ..	6	100.0	—	—	—	—	—	—	—	—	—	—	—	
Station Town ..	5	100.0	—	—	—	—	—	—	—	—	—	—	—	
Thornley ..	9	100.0	—	—	—	—	—	—	—	—	—	—	—	
Trimdon Station ..	5	100.0	—	—	—	—	—	—	—	—	—	—	—	
Wheatley Hill ..	9	100.0	—	—	—	—	—	—	—	—	—	—	—	
Wingate ..	9	88.2	1	5.9	1	5.9	—	—	—	1	100.0	—	—	
Totals ..	88	86.3	9	8.9	4	3.9	1	0.9	11	91.7	1	8.3		

Total Methylene Blue Samples 102

Total Fat Content Samples 12

MILK SAMPLING.

122 samples of raw and heat treated milk were taken for examination during 1964, with the following results:—

	No. of Samples Taken	Methylene Blue Test			Phosphatase Test			Turbidity Test		
		Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory
T.T. Milk	20	15	5	25.0	—	—	—	—	—	—
Pasteurised Milk	1	1	—	—	1	—	—	—	—	—
T.T. Pasteurised Milk	85	84	1	1.2	85	—	—	—	—	—
Sterilised Milk	16	—	—	—	—	—	—	16	—	—

MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 122 consisting of 20 samples of raw milk which were tested for keeping quality and cleanliness, and 102 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

During the course of the year 37 inspections of distributors' premises were made.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Initial work only was commenced and registration forms received.

ANIMAL BOARDING ESTABLISHMENTS

There are two such premises licensed by the Local Authority, which receive regular visits by the District Inspectors.

HOUSING AND SEWERAGE

(CONTRIBUTED BY THE ENGINEER AND SURVEYOR)

HOUSING

The construction of new houses to accommodate families from Slum Clearance Areas in the Council's district has continued during the year, and a total of 214 houses have been completed and occupied.

The total number of post-war houses completed to date is 3,638, making the total number of houses owned by the Council 8,259.

PRIVATE HOUSING

The following houses have been built during the year by private enterprise:—

Easington Parish	..	..	..	1
East Murton Parish	..	..	..	1
Castle Eden Parish	..	..	..	2
Hutton Henry Parish		..	..	3
Peterlee Parish	..	..	..	3
Monk Hesleden Parish		..	..	1
Shotton Parish..	..	..	..	1
				<hr/>
TOTAL	..	..	..	12
				<hr/>

POLICE HOUSING

The following Police houses have been built during the year by Durham County Council:—

East Murton Parish	2
--------------------	----	----	----	---

HOUSING MAINTENANCE

The maintaining of Council houses has continued satisfactorily during the year and 19,768 repairs were made to pre-war houses, 12,747 repairs to post-war houses, and 571 repairs to prefabricated bungalows, making a total of 33,086 repairs in all.

IMPROVEMENT PROGRAMMES

Work has continued on the second phase of the improvement programme to pre 1939 Council houses, and a total of 301 have had major improvements completed during the year. This makes a total of 2,681 houses improved and completes this programme.

In September, 1964, a further scheme of minor improvements commenced to 288 No. 1922 scheme houses. However, owing to difficulty in obtaining certain building materials, it was only possible to complete 3 No. houses by the end of the year.

SEWERAGE

Works of maintenance on all the Council's public sewers have been satisfactorily carried out throughout the year. Approximately 4,000 stoppages, fractures, etc., were attended to.

Sheraton

A Ministry and Durham County Council grant aided sewerage scheme, complete with small sewage disposal plant, for the village of Sheraton, was completed last year at a cost of £7,300. This scheme is now in operation.

'BUS SHELTERS

During the past year a further 12 'bus shelters were erected, making a total of 175. The shelter programme for the area is more or less now completed except for Peterlee and Horden, in which this year's financial allocation will be concentrated.

PUBLIC CONVENIENCES

A further four public conveniences were erected during the year bringing the total to 33. Two are under construction and plans are prepared for a further two at Easington Colliery and Wingate. A temporary mobile toilet convenience has been installed in the town centre at Peterlee and this will serve this section of the community until the main town centre public conveniences are completed.

Vandalism continues to play a prominent part as far as the maintenance and repairs to these conveniences are concerned. In fact over the past five years it has cost the ratepayers £5,800 for such repairs, which appears to be on the uptrend. The Police are continuing to give the best assistance possible.

PUBLIC CLEANSING

(CONTRIBUTED BY THE CLEANSING SUPERINTENDENT)

COLLECTION OF HOUSEHOLD REFUSE

The work of the department has been satisfactorily carried out during the year and all complaints have received immediate attention. The whole of the district, except for a few outlying farms, has received a twice and in some cases three time weekly service.

From 29,314 houses, other buildings and dwellings in the district 2,862,841 collections were made. This represents an average of 55,055 collections weekly. Tonnage during the same period amounted to 84,477 tons.

Twenty-six vehicles travelled 177,356 miles using 41,374 gallons of petrol.

DISPOSAL AREAS

All disposal areas are being worked by the semi-controlled method, and although occasional fires occurred, no great expense has been necessary to abate this nuisance.

DUST BINS

During the year 365 private dust bins have been sold, 648 supplied to Council House tenants, and 200 supplied to Crimdon Park.

PUBLIC CONVENIENCES

Twenty-nine conveniences in the district are cleansed daily and 168 bus shelters receive regular attention by this department.

TRADE REFUSE

Trade refuse is collected during normal rounds and quarterly accounts submitted. The charge of 7d. per bin or its equivalent is in relation to the number of bins or quantity. The revenue from this service was £1,459.

SALVAGE

130 tons of Waste Paper was sold bringing in the revenue of £1,151. Other materials salvaged included 29 tons of Metals, 13 tons of Textiles and 228½ gross Bottles and Jars. The total salvage revenue amounting to £1,593.

May I take this opportunity of thanking all Officials and Staff for their help and co-operation during the year.

William Barlow & Son, Ltd.,
West Hartlepool and London
